

What is claimed is:

1. A heat pipe, comprising:

a pipe member having two opposing open ends;

a lid closely covered on one open end;

5 a base having an interlocking member with a flange fitly embracing the pipe member to receive the other open end of the pipe member therein, wherein a thickness of the flange is not larger than a thickness of pipe member at the open end received in the interlocking member; and

10 a wick structure attached on an inner wall of the pipe member and an inside surface of the base.

2. The heat pipe as claimed in Claim 1, wherein the pipe member is a cylindrical pipe.

3. The heat pipe as claimed in Claim 1, wherein the lid includes a filling tube mounted thereon for working fluid to be filled in the pipe member.

15 4. The heat pipe as claimed in Claim 3, wherein the pipe member is sealed with a sealing structure on the filling tube.

5. The heat pipe as claimed in Claim 1, wherein the base includes a flat surface opposite to the inside surface for contact with a heat source.

20 6. The heat pipe as claimed in Claim 1, wherein the interlocking member is made by forming a circular recess adjacently inside the flange and an annular slot adjacently outside the flange.

7. The heat pipe as claimed in Claim 6, wherein the annular slot is extended outwardly to the whole base.